



**Envision  
Utah** How we grow matters.



Utah's population will nearly double in size.  
Utah will not.



TODAY THERE ARE

**2,900,000**  
PEOPLE IN UTAH

BY 2050 THERE WILL BE

**5,400,000**  
PEOPLE IN UTAH





**Housing & Cost  
of Living**



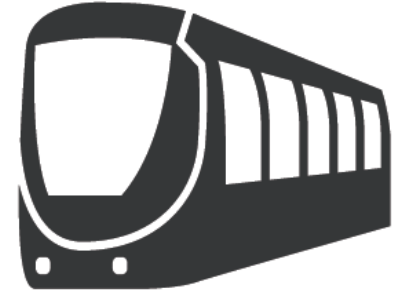
**Education**



**Agriculture**



**Air Quality**



**Transportation &  
Communities**



**Economic  
Development**



**Disaster  
Resilience**



**Recreation**



**Water**



**Public Lands**



**Energy**

**50,000 Voices to shape the future of Utah**

## HOW DOES THIS MEASURE UP?



QUALITY  
GROWTH  
STRATEGY



1,000

5,000

17,500

23,000

28,000

53,000

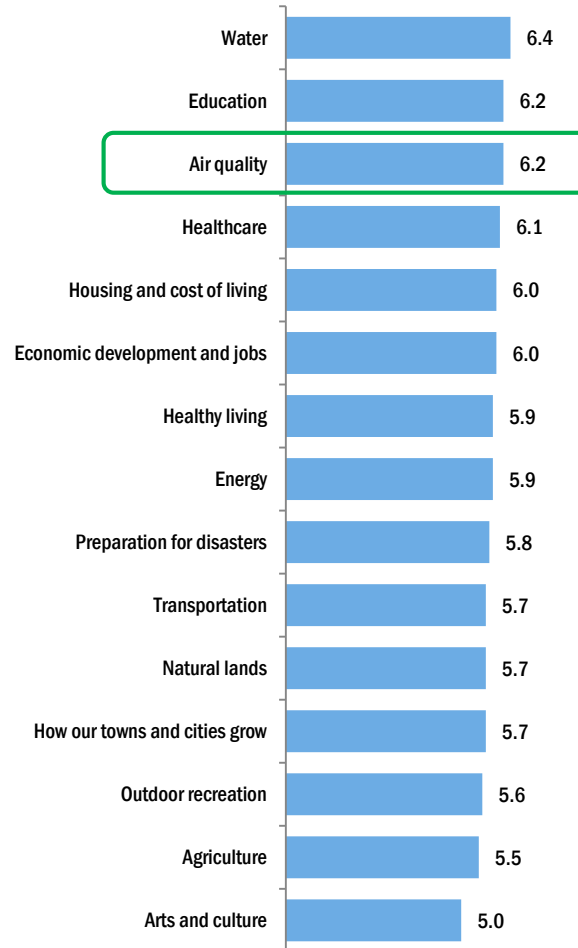


# Air Quality

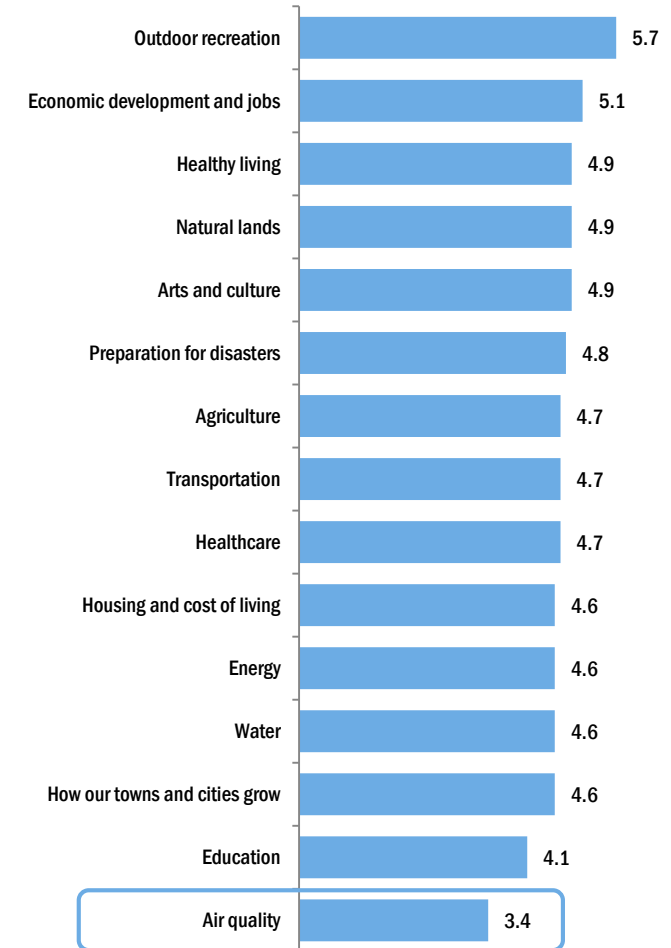


# Why does it matter?

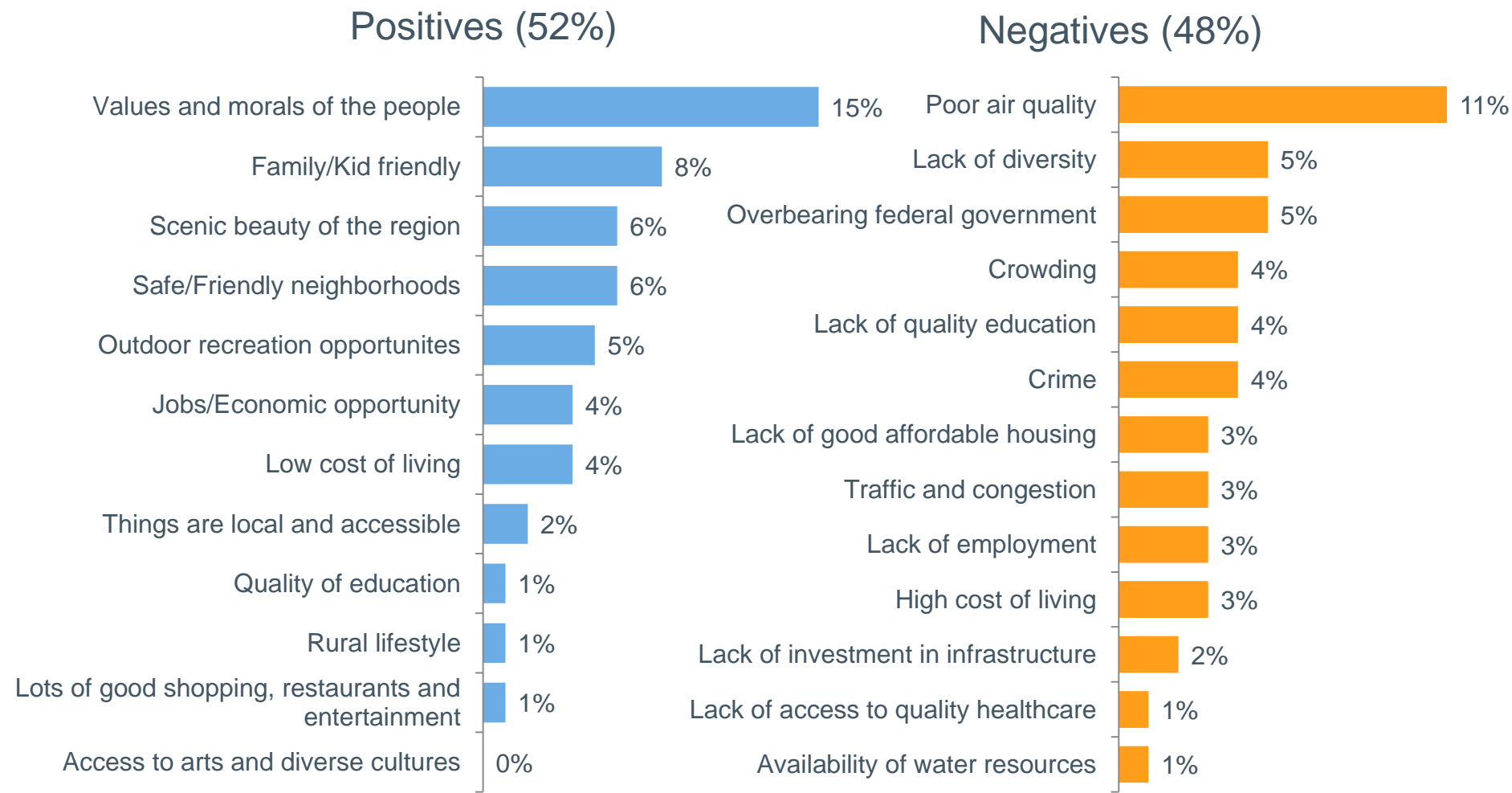
Thinking about the community where you live, please rate each of the following issues where 1 means “not at all important to Utah’s future” and 7 means “extremely important to Utah’s future.” (Source: Heart + Mind Strategies 2013 Survey)



Please indicate how well you think Utah is performing on each of these priorities using the scale where 1 means “the state is not performing well at all” and 7 means “the state is performing extremely well.” (Source: Heart + Mind Strategies 2013 Survey)



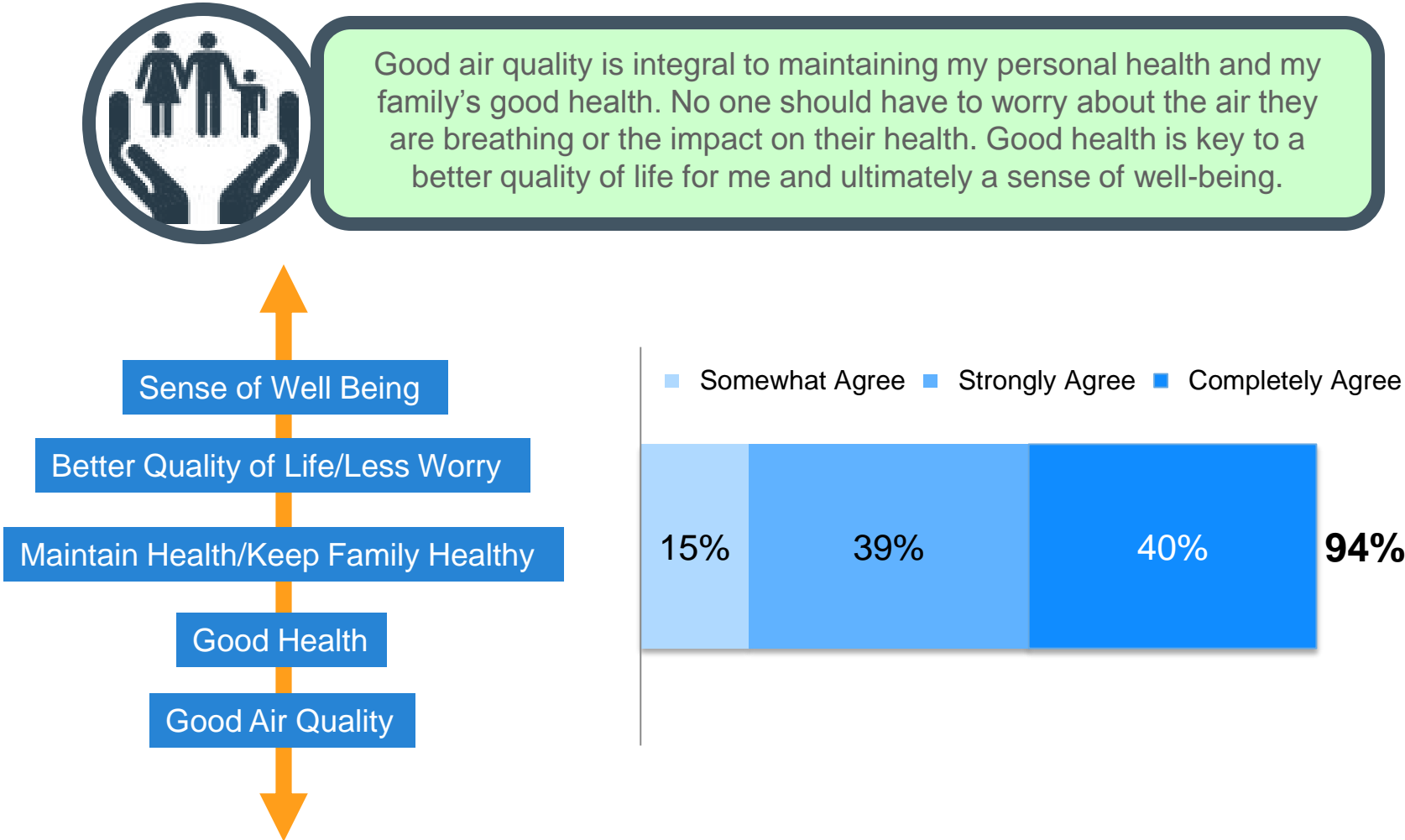
# Quality of Life *Personal* Priorities



BASE: ALL QUALIFIED RESPONDENTS (N=1000)  
Q400. The people of Utah have mentioned many factors – both positive and negative – that contribute to or detract from their quality of life. Thinking about the quality of life in Utah, please identify which one of the following factors has the most significant impact on the overall quality of life for you personally. Take your time and be sure to select the one (positive or negative) that has the most significant impact on you personally.

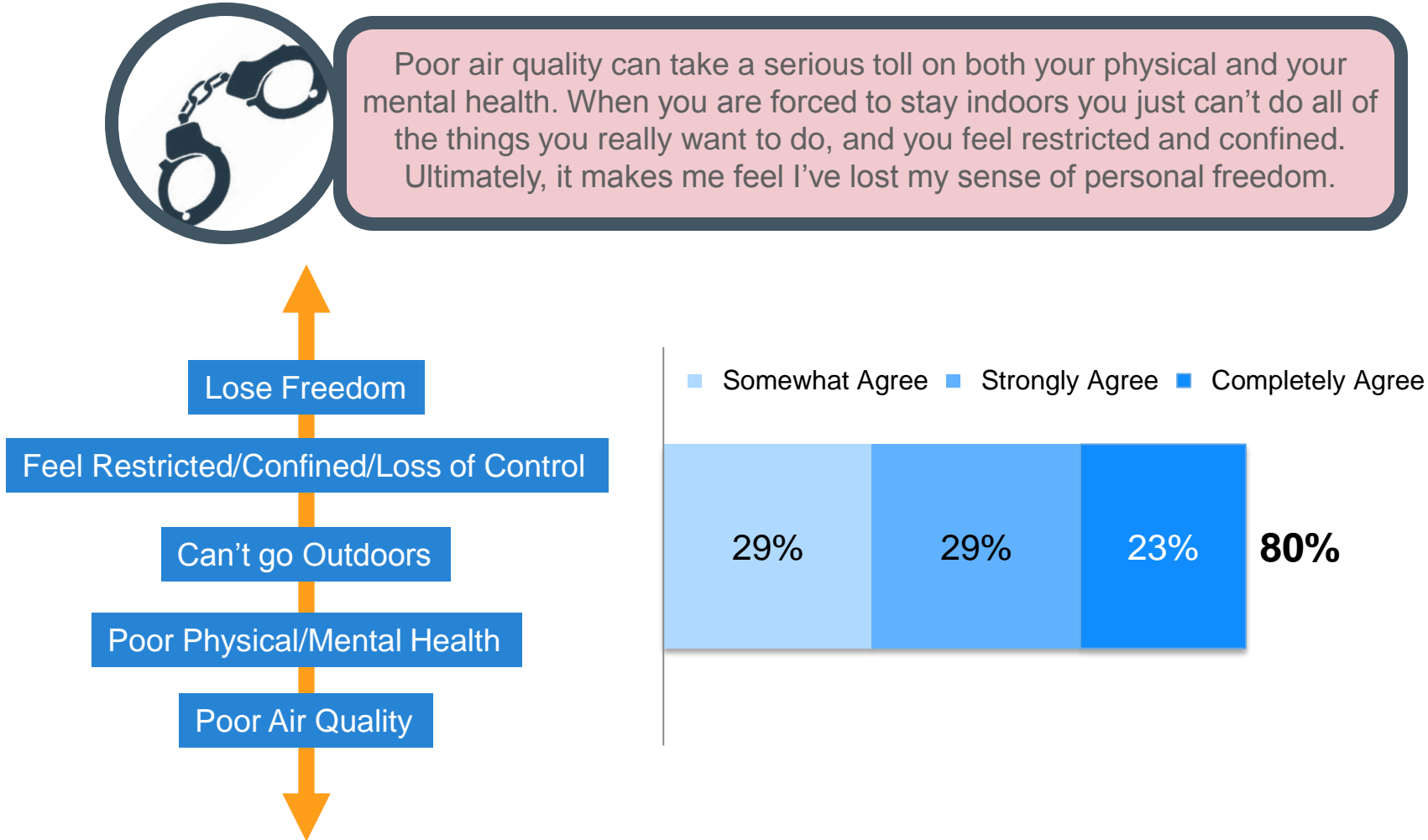


# Positive Ladder Orientations: Well Being

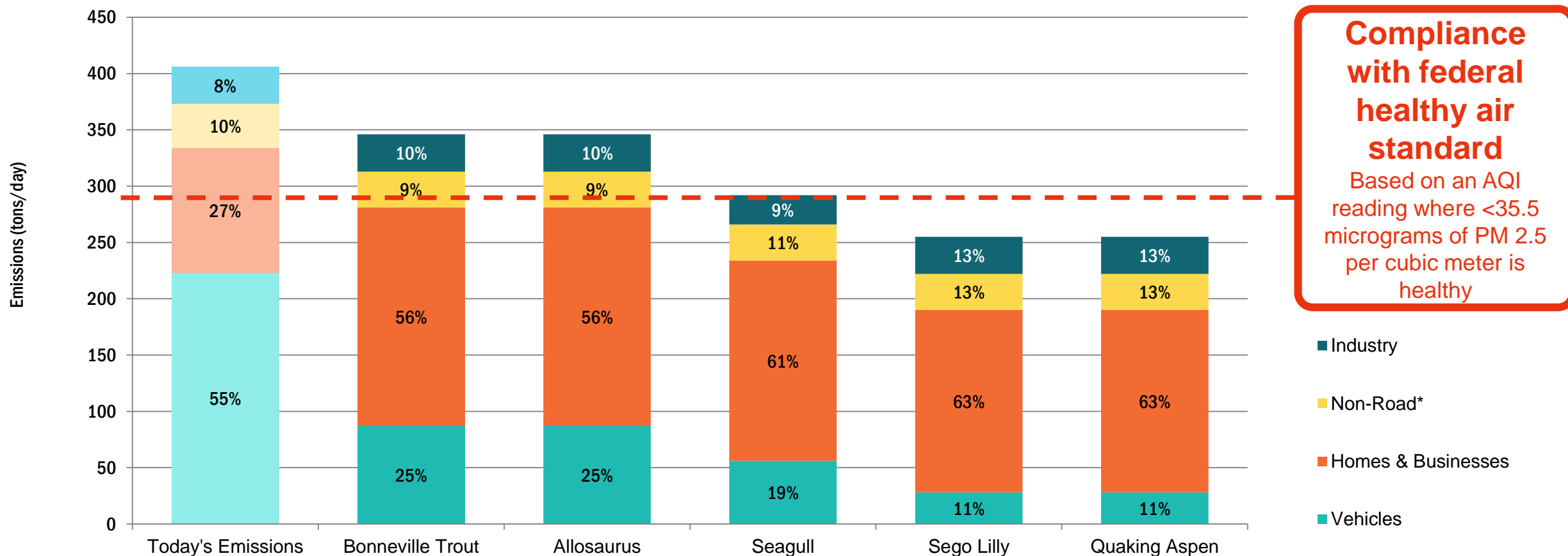




# Negative Ladder Orientations: Lose Freedom



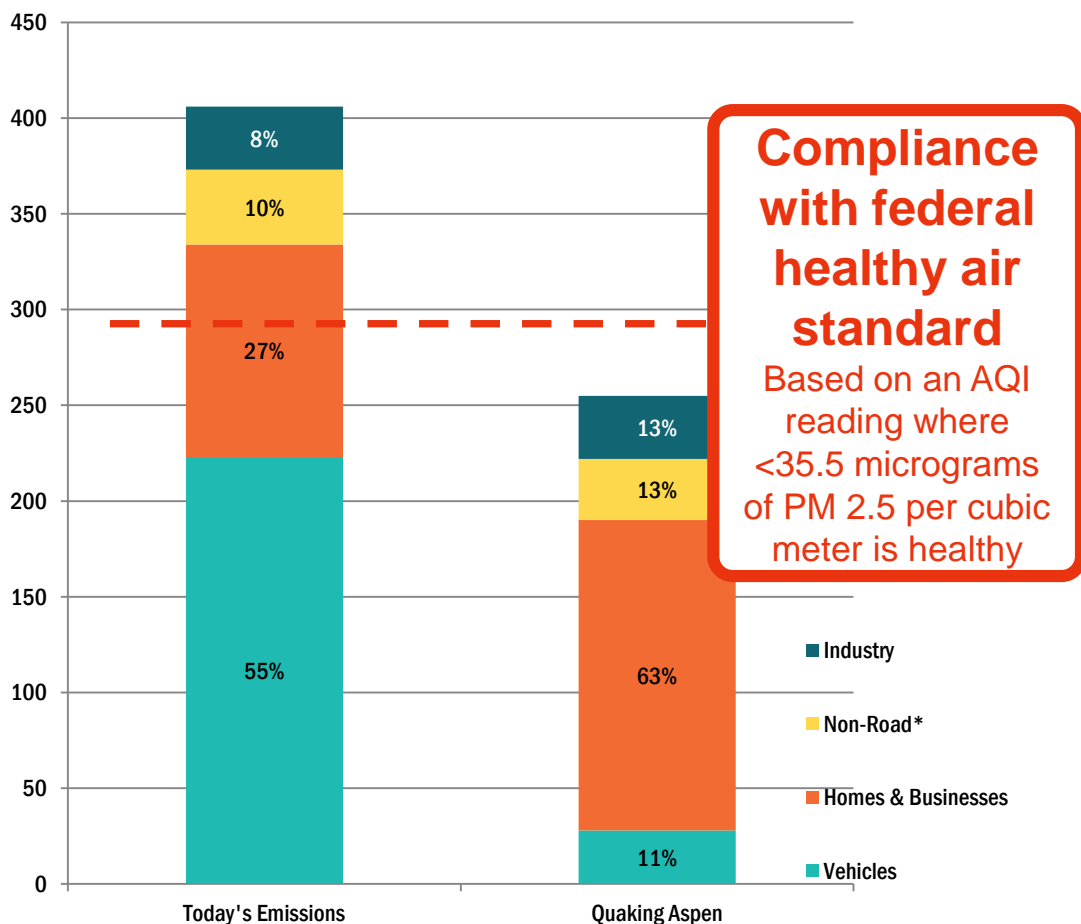
# Scenario Overview



\*Non-Road sources include all engine powered devices that operate off roads, such as construction equipment, airplanes, lawn mowers, snow blowers, etc.

# Quaking Aspen & Sego Lily

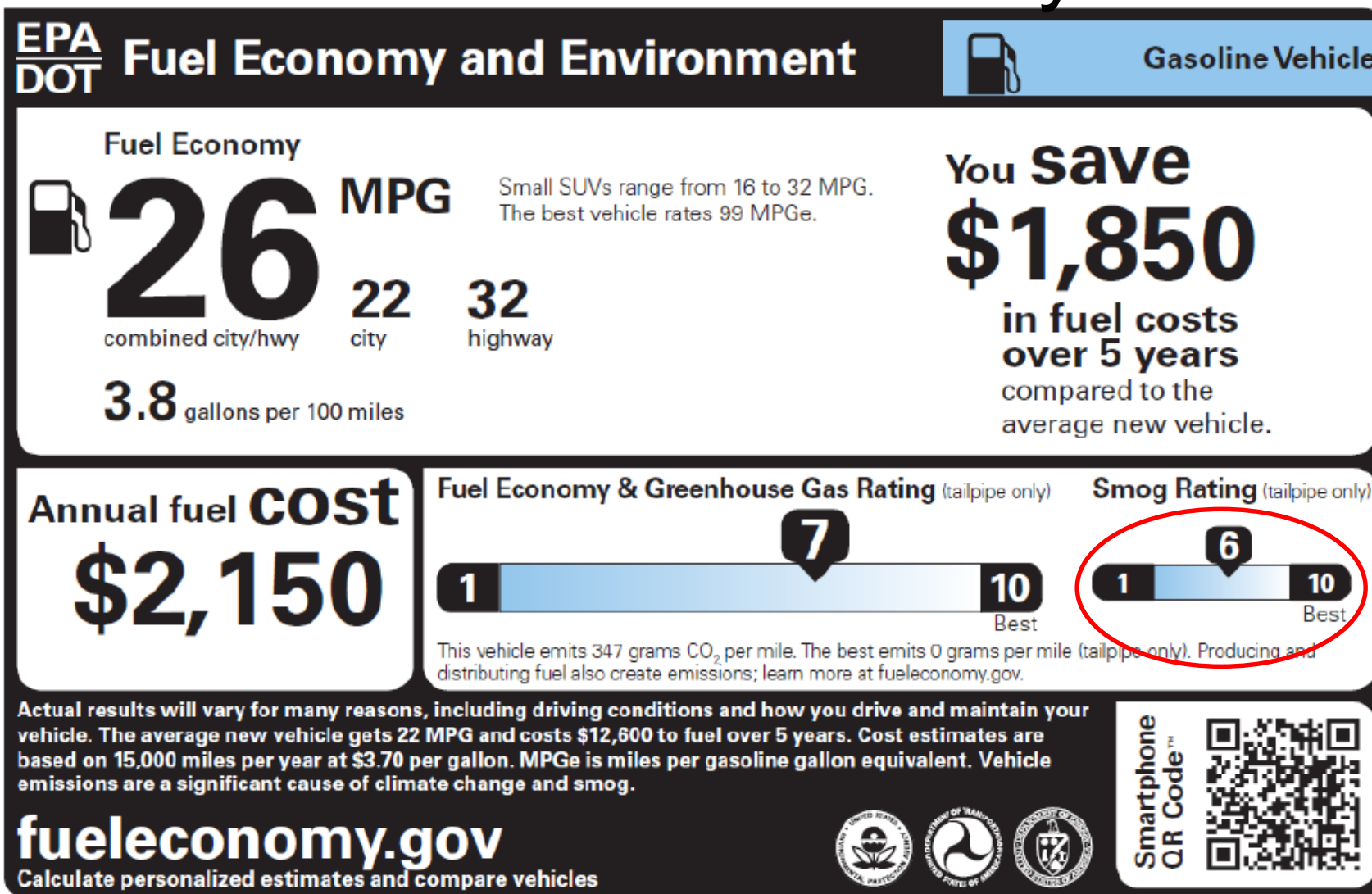
## Actions Taken



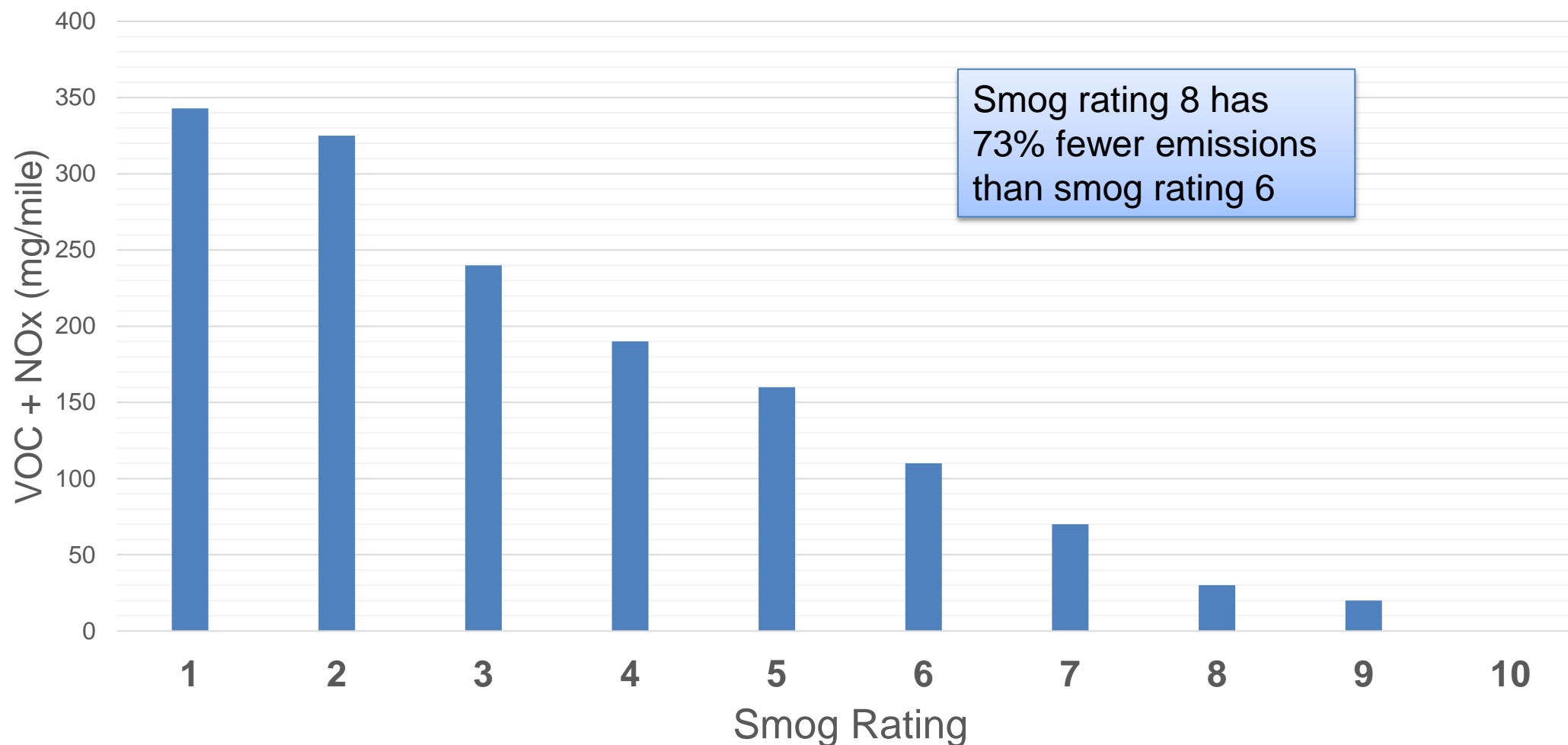
- Utahns drive 25% less
- 98% of cars are cleaner, 35% are zero emissions
- All gasoline is cleaner
- All existing buildings are 30% more efficient
- New buildings are 50% cleaner
- Wood burning decreases by 75% per person

\*Non-Road sources include all engine powered devices that operate off roads, such as construction equipment, airplanes, lawn mowers, snow blowers, etc.

# EPA/DOT Fuel Economy Label



# Smog Ratings and Emissions



# 2014 Models With Air Pollution Score of 8 or Better

BMW i3 Auto-1 2WD  
 BYD e6 Auto-1 2WD  
 CHEVROLET Spark EV Auto-1 2WD  
 FIAT 500e Auto-1 2WD  
 FORD Focus Electric Auto-1 2WD  
 HONDA FCX Auto-1 2WD  
 HONDA Fit Auto-1 2WD  
 MERCEDES-BENZ B-Class Electric Drive Auto-1 2WD  
 MITSUBISHI i-MiEV Auto-1 2WD  
 NISSAN Leaf Auto-1 2WD  
 SMART ForTwo Cabriolet Auto-1 2WD  
 SMART ForTwo Coupe Auto-1 2WD  
 TESLA Model S Auto-1 2WD  
 TOYOTA RAV4 EV CVT 2WD  
 ACURA ILX 1.5 4 SCV-7 2WD  
 CHEVROLET Volt 1.4 4 CVT 2WD  
 FORD C-MAX Energi Plug-In Hybrid 2 4 CVT 2WD  
 FORD C-MAX Hybrid 2 4 CVT 2WD  
 FORD Focus 2 4 AutoMan-6 2WD  
 FORD Focus 2 4 Man-5 2WD  
 FORD Focus 2 4 SemiAuto-6 2WD  
 FORD Fusion 1.5 4 SemiAuto-6 2WD  
 FORD Fusion Energi Plug-in Hybrid 2 4 CVT 2WD  
 FORD Fusion Hybrid 2 4 CVT 2WD  
 HONDA Accord 2.4 4 CVT 2WD  
 HONDA Accord 2.4 4 SCV-7 2WD  
 HONDA Accord 3.5 6 Auto-6 2WD  
 HONDA Accord 3.5 6 SemiAuto-6 2WD  
 HONDA Accord Plug-In Hybrid 2 4 CVT 2WD  
 HONDA CR-Z 1.5 4 Man-6 2WD  
 HONDA CR-Z 1.5 4 SCV-7 2WD  
 HONDA Civic 1.8 4 Auto-5 2WD  
 HONDA Civic 1.8 4 CVT 2WD  
 HONDA Civic 1.8 4 SCV-7 2WD  
 HONDA Civic HF 1.8 4 CVT 2WD  
 HONDA Civic Hybrid 1.5 4 CVT 2WD  
 HONDA Insight 1.3 4 CVT 2WD  
 HONDA Insight 1.3 4 SCV-7 2WD

HYUNDAI Elantra 2 4 Auto-6 2WD  
 HYUNDAI Elantra Coupe 2 4 Auto-6 2WD  
 HYUNDAI Elantra Limited 1.8 4 Auto-6 2WD  
 HYUNDAI Sonata 2.4 4 Auto-6 2WD  
 HYUNDAI Sonata Hybrid 2.4 4 AutoMan-6 2WD  
 HYUNDAI Sonata Hybrid Limited 2.4 4 AutoMan-6  
 HYUNDAI Tucson 2.4 4 Auto-6 4WD  
 KIA Forte 1.8 4 Auto-6 2WD  
 KIA Forte 2 4 Auto-6 2WD  
 KIA Forte 5 2 4 Auto-6 2WD  
 KIA Forte Eco 1.8 4 Auto-6 2WD  
 KIA Forte Koup 2 4 Auto-6 2WD  
 KIA Optima 2.4 4 Auto-6 2WD  
 KIA Optima Hybrid 2.4 4 AutoMan-6 2WD  
 KIA Optima Hybrid EX 2.4 4 AutoMan-6 2WD  
 KIA Sportage 2.4 4 Auto-6 4WD  
 MAZDA 3 2.5 4 SemiAuto-6 2WD  
 MAZDA 6 2.5 4 Man-6 2WD  
 MAZDA 6 2.5 4 SemiAuto-6 2WD  
 MERCEDES-BENZ C300 4Matic 3.5 6 Auto-7 4WD  
 MERCEDES-BENZ C350 3.5 6 Auto-7 2WD  
 MERCEDES-BENZ E350 3.5 6 Auto-7 2WD  
 MERCEDES-BENZ E350 4Matic 3.5 6 Auto-7 4WD  
 MERCEDES-BENZ E350 4Matic (coupe) 3.5 6 Auto-7  
 MERCEDES-BENZ E400 Hybrid 3.5 6 Auto-7 2WD  
 MERCEDES-BENZ GLK350 3.5 6 Auto-7 2WD  
 MERCEDES-BENZ GLK350 4Matic 3.5 6 Auto-7 4WD  
 NISSAN Altima 2.5 4 CVT 2WD  
 NISSAN Sentra 1.8 4 CVT 2WD  
 SUBARU Forester 2.5 4 CVT 4WD  
 SUBARU Forester 2.5 4 Man-6 4WD  
 SUBARU Legacy 2.5 4 CVT 4WD  
 SUBARU Outback AWD 2.5 4 CVT 4WD  
 SUBARU Outback AWD 2.5 4 Man-6 4WD  
 SUBARU XV Crosstrek 2 4 CVT 4WD  
 TOYOTA Camry 2.5 4 SemiAuto-6 2WD  
 TOYOTA Camry Hybrid LE 2.5 4 CVT 2WD  
 TOYOTA Camry Hybrid XLE/SE 2.5 4 CVT 2WD

TOYOTA Prius 1.8 4 CVT 2WD  
 TOYOTA Prius Plug-in Hybrid 1.8 4 CVT 2WD  
 VOLKSWAGEN Beetle 1.8 4 Man-5 2WD  
 VOLKSWAGEN Beetle 1.8 4 SemiAuto-6 2WD  
 VOLKSWAGEN Beetle 2 4 AMS-6 2WD  
 VOLKSWAGEN Beetle 2 4 Man-6 2WD  
 VOLKSWAGEN Beetle 2.5 5 Man-5 2WD  
 VOLKSWAGEN Beetle 2.5 5 SemiAuto-6 2WD  
 VOLKSWAGEN Beetle Convertible 1.8 4 SemiAuto-6  
 VOLKSWAGEN Beetle Convertible 2 4 AMS-6 2WD  
 VOLKSWAGEN Beetle Convertible 2 4 Man-6 2WD  
 VOLKSWAGEN Beetle Convertible 2.5 5 SemiAuto-6  
 VOLKSWAGEN CC 2 4 AMS-6 2WD  
 VOLKSWAGEN CC 2 4 Man-6 2WD  
 VOLKSWAGEN GTI 2 4 AMS-6 2WD  
 VOLKSWAGEN GTI 2 4 Man-6 2WD  
 VOLKSWAGEN Golf 2.5 5 SemiAuto-6 2WD  
 VOLKSWAGEN Jetta 1.8 4 Man-5 2WD  
 VOLKSWAGEN Jetta 1.8 4 SemiAuto-6 2WD  
 VOLKSWAGEN Jetta 2 4 AMS-6 2WD  
 VOLKSWAGEN Jetta 2 4 Man-6 2WD  
 VOLKSWAGEN Jetta Hybrid 1.4 4 AMS-7 2WD  
 VOLKSWAGEN Jetta SportWagen 2.5 5 Man-5  
 VOLKSWAGEN Jetta SportWagen 2.5 5 SemiAuto-6  
 VOLKSWAGEN Passat 1.8 4 Man-5 2WD  
 VOLKSWAGEN Passat 1.8 4 SemiAuto-6 2WD  
 VOLKSWAGEN Passat 2.5 5 Man-5 2WD  
 VOLKSWAGEN Passat 2.5 5 SemiAuto-6 2WD  
 VOLVO S80 3.2 6 SemiAuto-6 2WD  
 VOLVO XC 60 3.2 6 SemiAuto-6 4WD  
 VOLVO XC 60 3.2 6 SemiAuto-6 2WD  
 VOLVO XC 70 3.2 6 SemiAuto-6 4WD  
 VOLVO XC 70 3.2 6 SemiAuto-6 2WD  
 ACURA RLX 3.5 6 SemiAuto-7 4WD  
 BMW 328i 2 4 SemiAuto-8 4WD  
 BMW 328i 2 4 SemiAuto-8 2WD  
 BMW 428i Coupe 2 4 SemiAuto-8 4WD  
 BMW 428i Coupe 2 4 SemiAuto-8 2WD

BUICK Lacrosse 2.4 4 SemiAuto-6 2WD  
 BUICK Lacrosse 3.6 6 SemiAuto-6 2WD  
 BUICK Regal 2.4 4 SemiAuto-6 2WD  
 CADILLAC ATS 2.5 4 SemiAuto-6 2WD  
 CADILLAC ATS 3.6 6 SemiAuto-6 4WD  
 CADILLAC ATS 3.6 6 SemiAuto-6 2WD  
 CADILLAC CTS 3.6 6 SemiAuto-8 2WD  
 CADILLAC ELR 1.4 4 CVT 2WD  
 CADILLAC XTS 3.6 6 SemiAuto-6 2WD  
 CHEVROLET Cruze 1.8 4 Man-6 2WD  
 CHEVROLET Cruze 1.8 4 SemiAuto-6 2WD  
 CHEVROLET Equinox 2.4 4 Auto-6 4WD  
 CHEVROLET Equinox 2.4 4 Auto-6 2WD  
 CHEVROLET Impala 2.4 4 SemiAuto-6 2WD  
 CHEVROLET Impala 2.5 4 SemiAuto-6 2WD  
 CHEVROLET Impala 3.6 6 SemiAuto-6 2WD  
 CHEVROLET Malibu 2.4 4 SemiAuto-6 2WD  
 CHEVROLET Sonic 1.8 4 Man-5 2WD  
 CHEVROLET Sonic 1.8 4 SemiAuto-6 2WD  
 CHEVROLET Sonic 5 1.8 4 Man-5 2WD  
 CHEVROLET Sonic 5 1.8 4 SemiAuto-6 2WD  
 GMC Terrain 2.4 4 Auto-6 4WD  
 GMC Terrain 2.4 4 Auto-6 2WD  
 HONDA Accord 2 4 CVT 2WD  
 LAND ROVER Range Rover Evoque 2 4 SemiAuto-9  
 LEXUS CT 200h 1.8 4 CVT 2WD  
 LEXUS ES 300h 2.5 4 SCV-6 2WD  
 LEXUS GS 450h 3.5 6 SCV-8 2WD  
 LEXUS LS 600h L 5 8 SCV-8 4WD  
 LEXUS RX 450h 3.5 6 SCV-6 4WD  
 LEXUS RX 450h 3.5 6 SCV-6 2WD  
 TOYOTA Avalon Hybrid 2.5 4 SCV-6 2WD  
 TOYOTA Highlander Hybrid 3.5 6 SCV-6 4WD  
 TOYOTA Highlander Hybrid LE Plus 3.5 6 SCV-6 4WD  
 TOYOTA Prius c 1.5 4 CVT 2WD  
 TOYOTA Prius v 1.8 4 CVT 2WD  
 VOLKSWAGEN Eos 2 4 AMS-6 2WD

# Quaking Aspen & Sego Lily

## Actions Taken

- Utahns drive 25% less
- 98% of cars are cleaner (smog rating 8-10), 35% are zero emission (smog rating 10)
- All gasoline is cleaner
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